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GRINDING TAPE AND ITS MANUFACTURING METHOD

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PURPOSE: To permit high quality grinding by uniformly placing equilateral hexagonal tortoise shell shapes on the whole surface of a grinding layer composed of polyester resin or mixture comprising such resin and grinding material grains and forming recessed portions on the center of each hexagon.

CONSTITUTION: Coating agent with viscosity c.p. is obtained by reducing grinding material grains-dispersed resin solution including polyester resin 100pts.wt. chrome oxide powders 700pts.wt., methyl-ethyl keton 200pts.wt. and xylylene-diisocyanate with the quantity by which the relation between -OH and -NCO in polyester resin is equivalent to (-NCO/-OH) equals to 4. by means of methyl-isobutyl-ketone 450pts.wt. After this agent is painted, for instance, on the one side of polyester film tape base 3 by the triple reverse roll method and dried. aging is carried out. Thus, a tape including equilateral hexagons forming recessed streak portion 1 and recessed portion 2 on the surface of the grinding layer 4 having 13 μ m thickness, is obtained, and high quality grinding can be carried out.

